

Build Our Wetland

BOW

2012 - 2013

Old Trail School

First Grade

Project's Essential Questions

Essential Questions need to communicate ideas, have relevance and clarity and encourage students to problem solve, read, inquire and sort information.

What is a wetland?

Who lives in a wetland?

Why are wetlands important?

What is a wetland?

Students visited several local wetlands.





Who lives in a wetland?

They saw many wetland plants, animals and saw evidence of mammals.





Assessment

Above

Edge

In

On

Under

Students drew insects, plants, mammals, birds and amphibians that we had seen and added them to a mural using the vowel key.



Building our Wetland Site Prep - Spring

Eighth Grade Farm Hand students helped prepare the site by digging out an existing swale.





Students added flags to mark the plants/shrubs that they will plant. Plant selection was driven by their observations.



Students planted on Earth Day

6 classes planted together, each younger grade partnered with an older grade. Farm Hands supervised the planting.



Why are wetlands important? Easy, as we saw our first wetland animal while we were adding the flags. Wetlands support biodiversity one species at a time.

As the students were adding the flags - something jumped and they saw their first wetland animal. And as you see we will have others!

They also have observed that the water collects and stays in the clay soil and is absorbed in the sandy loam.



Assessment

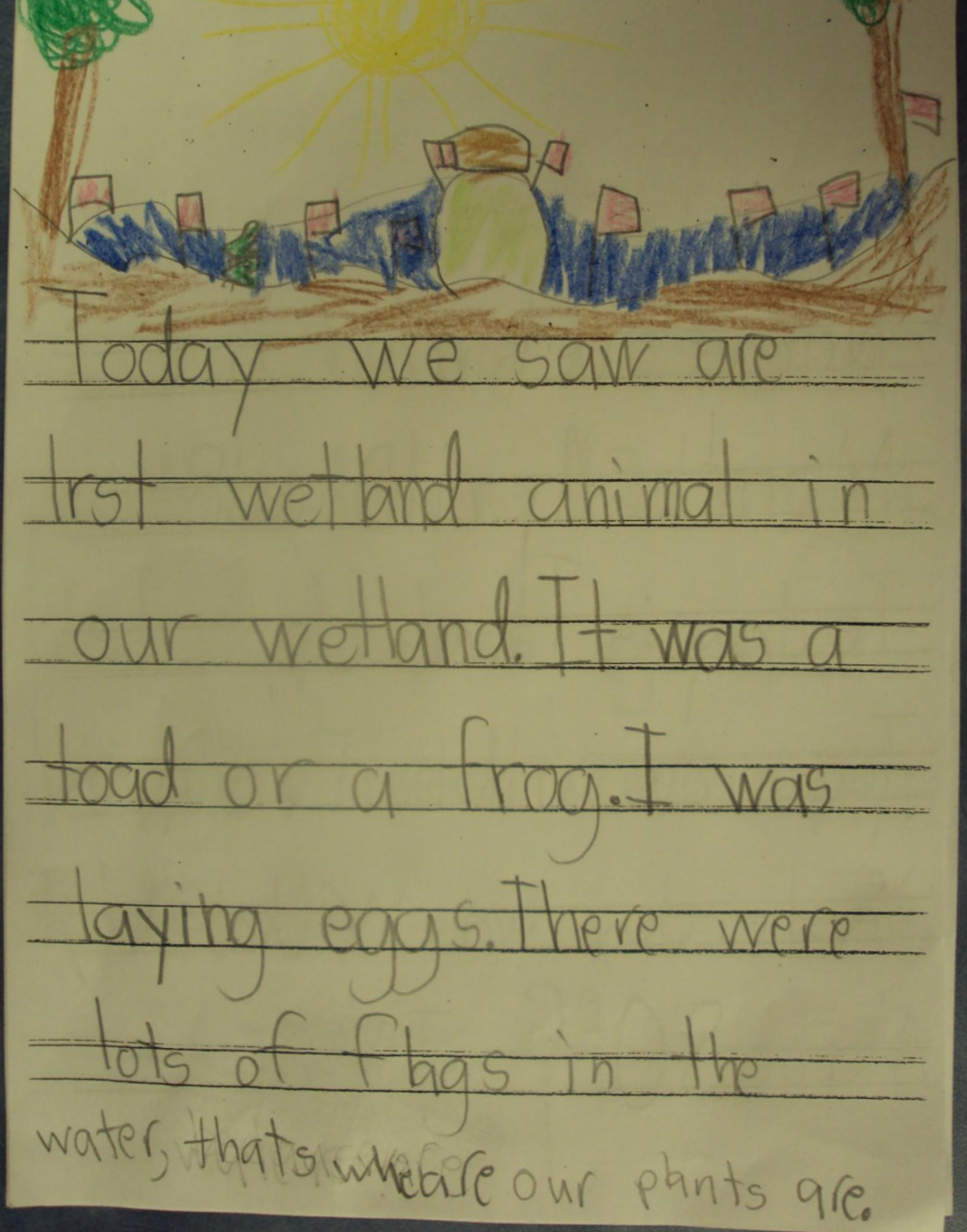
1. reflections

2. trading cards

[www.](http://www.readwritethink.org/classroom)

[readwritethink.](http://www.readwritethink.org/classroom)

[org/classroom](http://www.readwritethink.org/classroom)



3. Dependency Web

Students had a card, bird, sun, beaver, etc and they tossed the yarn to someone that they depended upon. When the web was complete the students did several things like dropping the yarn. When the sun dropped the yarn everyone felt it - we discussed who felt it - why? Much discussion comes out of this activity with very few direct question from the teacher.



Ongoing Assessment

1. plant health
2. water quality/ levels
3. who moves in